



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION DETERMINATION DOCUMENT

| COMMUNITY AND REVISION INFORMATION                   |   | PROJECT DESCRIPTION   | BASIS OF REQUEST  |
|--|---|---|---|
| COMMUNITY  | City of Columbia<br>Richland County<br>South Carolina | NO PROJECT  | FLOODWAY<br>HYDRAULIC ANALYSIS<br>HYDROLOGIC ANALYSIS<br>NEW TOPOGRAPHIC DATA |
|  | COMMUNITY NO.: 450172                                 |   |   |
| IDENTIFIER   | Smith Branch- Sunset Drive To Colonial Drive          | APPROXIMATE LATITUDE & LONGITUDE: 34.020, -81.020<br>SOURCE: Other DATUM: NAD 83  |   |
| ANNOTATED MAPPING ENCLOSURES                         |   | ANNOTATED STUDY ENCLOSURES  |   |
| TYPE: FIRM* NO.: 45079C0092H DATE: February 20, 2002 |   | DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: September 29, 2010<br>PROFILES: 129P, 130P, 131P<br>FLOODWAY DATA TABLE: TABLE 8<br>SUMMARY OF DISCHARGES TABLE: TABLE 6<br>DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: February 20, 2002<br>PROFILES: 128P<br>FLOODWAY DATA TABLE: TABLE 3 |   |

Enclosures reflect changes to flooding sources affected by this revision.)

\* FIRM - Flood Insurance Rate Map

### FLOODING SOURCE(S) & REVISED REACH(ES)

See Page 2 for Additional Flooding Sources

Smith Branch - from just downstream of Sunset Drive to just upstream of Colonial Drive

### SUMMARY OF REVISIONS

| Flooding Source | Effective Flooding | Revised Flooding | Increases | Decreases |
|-----------------|--------------------|------------------|-----------|-----------|
| Smith Branch    | Zone AE            | Zone AE          | YES       | YES       |
|                 | Floodway           | Floodway         | YES       | YES       |
|                 | BFEs*              | BFEs             | NONE      | YES       |

\* BFEs - Base Flood Elevations

### DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

Luis Rodriguez, P.E., Chief  
Engineering Management Branch  
Federal Insurance and Mitigation Administration

132942 PT202.BKR.14040393P.H20 102-I-A-C



Federal Emergency Management Agency  
Washington, D.C. 20472

**LETTER OF MAP REVISION  
DETERMINATION DOCUMENT (CONTINUED)**

**OTHER FLOODING SOURCES AFFECTED BY THIS REVISION**

**FLOODING SOURCE(S) & REVISED REACH(ES)**

Bay Branch - from the confluence with Smith Branch to approximately 1,500 feet upstream

**SUMMARY OF REVISIONS**

| <b>Flooding Source</b> | <b>Effective Flooding</b> | <b>Revised Flooding</b> | <b>Increases</b> | <b>Decreases</b> |
|------------------------|---------------------------|-------------------------|------------------|------------------|
| Bay Branch             | BFEs*                     | BFEs                    | NONE             | YES              |
|                        | Floodway                  | Floodway                | YES              | YES              |
|                        | Zone AE                   | Zone AE                 | YES              | YES              |

\* BFEs - Base Flood Elevations

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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## LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

### COMMUNITY INFORMATION

#### APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

#### COMMUNITY REMINDERS

We based this determination on the base (1-percent-annual-chance) flood discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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Engineering Management Branch  
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132942 PT202.BKR.14040393P.H20 102-I-A-C



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Washington, D.C. 20472

### LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Brad Loar  
Director, Mitigation Division  
Federal Emergency Management Agency, Region IV  
Koger Center - Rutgers Building, 3003 Chamblee Tucker Road  
Atlanta, GA 30341  
(770) 220-5400

#### STATUS OF THE COMMUNITY NFIP MAPS

We are preparing a revised FIRM and FIS report for Richland County in our countywide format; therefore, we will not physically revise and republish the FIRM and FIS report for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which will present information from the effective FIRMs and FIS reports for your community and other incorporated communities in Richland County, will be distributed for review in approximately 9 months. We will incorporate the modifications made by this LOMR into the Preliminary countywide FIRM before it is distributed, and the modifications will be included when the countywide FIRM becomes effective.

The FIRM panel 45079C0092H, dated February 2002 is referenced to NGVD 29. However, the 2010 FIS Report includes the flood profiles and Floodway Data Table for Smith Branch, both referenced to NAVD 88. This LOMR revision affects profiles 129P-131P. All elevation data in the Floodway Data Table for Smith Branch are also converted to NGVD.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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**LETTER OF MAP REVISION  
DETERMINATION DOCUMENT (CONTINUED)**

**PUBLIC NOTIFICATION OF REVISION**

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below and through FEMA's Flood Hazard Mapping website at [https://www.floodmaps.fema.gov/fhm/Scripts/bfe\\_main.asp](https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp).

**LOCAL NEWSPAPER**

Name: *The Columbia Star*

Dates: January 17, 2014 and January 24, 2014

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination information presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at <http://www.fema.gov/nfip>.

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Engineering Management Branch  
Federal Insurance and Mitigation Administration

TABLE 6 - SUMMARY OF DISCHARGES - (continued)

| <u>FLOODING SOURCE</u> | <u>DRAINAGE AREA</u> | <u>PEAK DISCHARGES (cfs)</u> |                |                 |                 |
|------------------------|----------------------|------------------------------|----------------|-----------------|-----------------|
| <u>AND LOCATION</u>    | <u>(sq.miles)</u>    | <u>10-YEAR</u>               | <u>50-YEAR</u> | <u>100-YEAR</u> | <u>500-YEAR</u> |
| REEDER POINT           |                      |                              |                |                 |                 |
| BRANCH (continued)     |                      |                              |                |                 |                 |
| Below confluence of    |                      |                              |                |                 |                 |
| Tributary RP-1         | 6.74                 | 2,445                        | 3,683          | 4,218           | 5,663           |
| Above confluence of    |                      |                              |                |                 |                 |
| Tributary RP-1         | 4.66                 | 1,904                        | 2,962          | 3,488           | 4,571           |
| At Southern Railway    | 3.89                 | 1,886                        | 2,837          | 3,302           | 4,224           |
| Below dam              | 1.77                 | 1,003                        | 1,554          | 1,809           | 2,313           |
| Above Burnsides Pond   | 0.96                 | 518                          | 763            | 882             | 1,124           |
| ROBERTS BRANCH         |                      |                              |                |                 |                 |
| At mouth               | 6.24                 | 710                          | 1,540          | 2,182           | 3,119           |
| Below Stevensons Lake  | 5.73                 | 705                          | 1,698          | 2,278           | 3,137           |
| Above Steven sons Lake | 5.73                 | 796                          | 1,806          | 2,314           | 3,175           |
| Below Crescent Lake    | 5.23                 | 749                          | 1,704          | 2,182           | 2,989           |
| Above Crescent Lake    | 4.35                 | 743                          | 1,545          | 1,956           | 2,634           |
| Below Epsworth Lake    | 3.55                 | 626                          | 1,303          | 1,659           | 2,233           |
| Above Epsworth Lake    | 3.55                 | 982                          | 1,587          | 1,891           | 2,416           |
| At Southern Railway    | 2.51                 | 698                          | 1,115          | 1,328           | 1,695           |
| ROCKY BRANCH           |                      |                              |                |                 |                 |
| At mouth               | 3.7                  | 2,210                        | 3,190          | 3,550           | 4,780           |
| At Southern Railway    | 2.9                  | 2,110                        | 3,020          | 3,360           | 4,430           |
| SALUDA RIVER           |                      |                              |                |                 |                 |
| At mouth               | 2,510.0              | 32,000                       | 90,000         | 105,000         | 145,000         |
| SANDY BRANCH           |                      |                              |                |                 |                 |
| Below Bridge Creek 1   | 8.70                 | 1,913                        | 3,294          | 3,904           | 5,120           |
| At Richland County     |                      |                              |                |                 |                 |
| Boundary               | 4.00                 | 1,319                        | 2,299          | 2,707           | 3,512           |
| SMITH BRANCH           |                      |                              |                |                 |                 |
| At mouth               | 7.36                 | 2,681                        | 3,867          | 4,435           | 5,672           |
| At confluence of       |                      |                              |                |                 |                 |
| Bay Branch             | 5.49                 | 1,820                        | 2,280          | 2,490           | 3,000           |
| Above confluence       |                      |                              |                |                 |                 |
| of Bay Branch          | 2.48                 | 1,570                        | 1,960          | 2,120           | 2,570           |
| At Colonial Drive      | 2.02                 | 953                          | 1,170          | 1,270           | 1,520           |
| At Preston Drive       | 0.74                 | 576                          | 652            | 754             | 897             |
| SORGHUM BRANCH         |                      |                              |                |                 |                 |
| At mouth               | 1.36                 | 466                          | 658            | 749             | 903             |
| SPEARS CREEK           |                      |                              |                |                 |                 |
| At County Line Dam     | 10.83                | 817                          | 1,521          | 1,795           | 2,320           |

<sup>1</sup>Outside Richland County

**REVISED  
BY LOMR  
Dated  
October 1,  
2012**

| FLOODING SOURCE             |                       | FLOODWAY        |                               |  | BASE FLOOD<br>WATER SURFACE ELEVATION<br>(FEET NGVD) |                     |                  |          |
|-----------------------------|-----------------------|-----------------|-------------------------------|--|--|---------------------|------------------|----------|
| CROSS SECTION               | DISTANCE <sup>1</sup> | WIDTH<br>(FEET) | SECTION AREA<br>(SQUARE FEET) | MEAN<br>VELOCITY<br>(FEET PER<br>SECOND) | REGULATORY   | WITHOUT<br>FLOODWAY | WITH<br>FLOODWAY | INCREASE |
| SMITH BRANCH<br>(continued) |                       |                 |                               |  |  |                     |                  |          |
| AA                          | 18,645 <sup>1</sup>   | 123             | 614                           | 2.8                                      | 237.7  | 237.7               | 238.6            | 0.9      |
| AB                          | 18,930 <sup>1</sup>   | 40              | 190                           | 9.0                                      | 238.5  | 238.5               | 239.3            | 0.8      |
| Bay Branch                  |                       |                 |                               |  |  |                     |                  |          |
| A                           | 1,300 <sup>2</sup>    | 124             | 842                           | 5.8                                      | 214.6  | 212.1 <sup>3</sup>  | 212.2            | 0.1      |
| B                           | 1,550 <sup>2</sup>    | 150             | 1,311                         | 2.8                                      | 218.1  | 218.1               | 218.9            | 0.8      |
| C                           | 2,000 <sup>2</sup>    | 66              | 356                           | 7.8                                      | 219.2  | 219.2               | 220.1            | 0.9      |
| D                           | 2,650 <sup>2</sup>    | 213             | 1,183                         | 2.4                                      | 221.8  | 221.8               | 222.8            | 1.0      |
| E                           | 3,910 <sup>2</sup>    | 98              | 382                           | 6.8                                      | 228.3  | 228.3               | 229.1            | 0.8      |
| F                           | 4,410 <sup>2</sup>    | 68              | 297                           | 8.7                                      | 233.2  | 233.2               | 233.2            | 0.0      |
| G                           | 5,180 <sup>2</sup>    | 128             | 578                           | 4.5                                      | 235.7  | 235.7               | 236.3            | 0.6      |
| H                           | 5,650 <sup>2</sup>    | 176             | 622                           | 4.2                                      | 238.1  | 238.1               | 238.8            | 0.7      |
| I                           | 6,250 <sup>2</sup>    | 132             | 458                           | 4.8                                      | 240.9  | 240.9               | 241.1            | 0.2      |
| J                           | 6,750 <sup>2</sup>    | 135             | 529                           | 4.2                                      | 242.9  | 242.9               | 243.7            | 0.8      |
| K                           | 7,170 <sup>2</sup>    | 140             | 539                           | 4.1                                      | 244.5  | 244.5               | 245.4            | 0.9      |
| L                           | 7,500 <sup>2</sup>    | 41              | 255                           | 8.6                                      | 245.0  | 245.0               | 245.8            | 0.8      |
| M                           | 7,820 <sup>2</sup>    | 80              | 465                           | 4.7                                      | 248.7  | 248.7               | 248.9            | 0.2      |
| N                           | 8,160 <sup>2</sup>    | 110             | 547                           | 4.0                                      | 249.5  | 249.5               | 249.7            | 0.2      |
| O                           | 9,220 <sup>2</sup>    | 100             | 461                           | 4.8                                      | 253.9  | 253.9               | 254.8            | 0.9      |
| P                           | 9,490 <sup>2</sup>    | 75              | 277                           | 6.4                                      | 255.6  | 255.6               | 255.9            | 0.3      |
| Q                           | 9,965 <sup>2</sup>    | 35              | 255                           | 6.9                                      | 258.0  | 258.0               | 258.1            | 0.1      |
| R                           | 10,330 <sup>2</sup>   | 35              | 237                           | 7.4                                      | 258.5  | 258.5               | 258.7            | 0.2      |
| S                           | 10,780 <sup>2</sup>   | 70              | 469                           | 3.8                                      | 262.5  | 262.5               | 263.5            | 1.0      |

REVISED  
BY LOMR  
DATED  
OCTOBER 1, 2012

REVISED AREA

<sup>1</sup> Feet above confluence with Broad River

<sup>2</sup> Feet above confluence with Smith Branch

<sup>3</sup> Elevation computed without consideration of backwater effects from Smith Branch

REVISED TO  
REFLECT LOMR  
EFFECTIVE: May 26, 2014

TABLE 3

FEDERAL EMERGENCY MANAGEMENT AGENCY  
RICHLAND COUNTY, SC  
AND INCORPORATED AREAS

FLOODWAY DATA

SMITH BRANCH-BAY BRANCH

| FLOODING SOURCE |                       | FLOODWAY        |                               |  | BASE FLOOD<br>WATER SURFACE ELEVATION<br>(FEET NGVD) |                     |                  |          |
|-----------------|-----------------------|-----------------|-------------------------------|--|--|---------------------|------------------|----------|
| CROSS SECTION   | DISTANCE <sup>1</sup> | WIDTH<br>(FEET) | SECTION AREA<br>(SQUARE FEET) | MEAN<br>VELOCITY<br>(FEET PER<br>SECOND) | REGULATORY   | WITHOUT<br>FLOODWAY | WITH<br>FLOODWAY | INCREASE |
| SMITH BRANCH    |                       |                 |                               |  |  |                     |                  |          |
| A               | 1,750                 | 126             | 503                           | 8.8                                      | 174.9  | 164.6 <sup>2</sup>  | 164.6            | 0.0      |
| B               | 2,450                 | 612             | 2,568                         | 1.7                                      | 174.9  | 168.4 <sup>2</sup>  | 169.3            | 0.9      |
| C               | 3,470                 | 144             | 504                           | 8.8                                      | 174.9  | 170.6 <sup>2</sup>  | 170.7            | 0.1      |
| D               | 3,900                 | 226             | 1,294                         | 3.4                                      | 174.9  | 174.7 <sup>2</sup>  | 175.7            | 1.0      |
| E               | 4,400                 | 204             | 1,239                         | 3.6                                      | 177.9  | 177.9               | 178.6            | 0.7      |
| F               | 4,950                 | 192             | 1,375                         | 3.2                                      | 179.9  | 179.9               | 180.7            | 0.8      |
| G               | 5,400                 | 303             | 2,355                         | 1.9                                      | 181.0  | 181.0               | 181.8            | 0.8      |
| H               | 5,900                 | 200             | 1,197                         | 3.7                                      | 181.9  | 181.9               | 182.7            | 0.8      |
| I               | 6,730                 | 238             | 1,454                         | 3.0                                      | 185.5  | 185.5               | 186.3            | 0.8      |
| J               | 7,710                 | 163             | 1,043                         | 4.3                                      | 189.2  | 189.2               | 190.1            | 0.9      |
| K               | 8,600                 | 82              | 753                           | 5.0                                      | 193.6  | 193.6               | 194.6            | 1.0      |
| L               | 9,490                 | 160             | 1,610                         | 2.1                                      | 202.7  | 202.7               | 202.7            | 0.0      |
| M               | 10,310                | 165             | 1,636                         | 2.1                                      | 202.9  | 202.9               | 202.9            | 0.0      |
| N               | 10,770                | 84              | 832                           | 4.1                                      | 202.9  | 202.9               | 203.0            | 0.0      |
| O               | 11,550                | 110             | 772                           | 3.6                                      | 203.2  | 203.2               | 203.4            | 0.2      |
| P               | 11,850                | 63              | 430                           | 6.5                                      | 203.3  | 203.3               | 203.4            | 0.1      |
| Q               | 12,400                | 200             | 1,838                         | 2.2                                      | 214.5  | 214.5               | 214.5            | 0.0      |
| R               | 12,820                | 304             | 3,602                         | 1.6                                      | 214.6  | 214.6               | 214.6            | 0.0      |
| S               | 13,280                | 296             | 3,500                         | 0.6                                      | 214.6  | 214.6               | 214.6            | 0.0      |
| T               | 14,020                | 210             | 1,159                         | 3.2                                      | 216.2  | 216.2               | 216.2            | 0.0      |
| U               | 14,360                | 240             | 1,202                         | 2.3                                      | 216.3  | 216.3               | 216.3            | 0.0      |
| V               | 14,930                | 300             | 1,522                         | 1.6                                      | 218.4  | 218.4               | 218.4            | 0.0      |
| W               | 15,450                | 170             | 715                           | 4.1                                      | 218.5  | 218.5               | 218.5            | 0.0      |

<sup>1</sup> Feet above confluence with Broad River

<sup>2</sup> Elevation computed without consideration of backwater effects from Broad River

REVISED  
DATA

REVISED TO  
REFLECT LOMR  
EFFECTIVE: May 26, 2014

TABLE  
8

FEDERAL EMERGENCY MANAGEMENT AGENCY  
RICHLAND COUNTY, SC  
AND INCORPORATED AREAS

FLOODWAY DATA

SMITH BRANCH



| FLOODING SOURCE |                       | FLOODWAY        |                               |  | BASE FLOOD<br>WATER SURFACE ELEVATION<br>(FEET NGVD) |                     |  |          |
|-----------------|-----------------------|-----------------|-------------------------------|--|--|---------------------|--|----------|
| CROSS SECTION   | DISTANCE <sup>1</sup> | WIDTH<br>(FEET) | SECTION AREA<br>(SQUARE FEET) | MEAN<br>VELOCITY<br>(FEET PER<br>SECOND) | REGULATORY   | WITHOUT<br>FLOODWAY | WITH<br>FLOODWAY                               | INCREASE |
| SMITH BRANCH    |                       |                 |                               |  |  |                     |  |          |
| X               | 15,970                | 76              | 422                           | 3.0                                      | 218.9  | 218.9               | 218.9  | 0.0      |
| Y               | 18,050                | 487             | 90                            | 3.5                                      | 235.5  | 235.5               | 236.4  | 0.9      |
| Z               | 18,260                | 295             | 52                            | 5.8                                      | 236.4  | 236.4               | 237.2  | 0.8      |
| AA              | 18,645                | 614             | 123                           | 2.8                                      | 238.5  | 238.5               | 239.4  | 0.9      |
| AB              | 18,930                | 190             | 40                            | 9.0                                      | 239.3  | 239.3               | 240.1  | 0.8      |
|                 |                       |                 |                               | REVISED<br>DATA                          |  |                     | Revised by<br>LOMR<br>dated<br>October 1, 2012 |          |

<sup>1</sup> Feet above confluence with Broad River

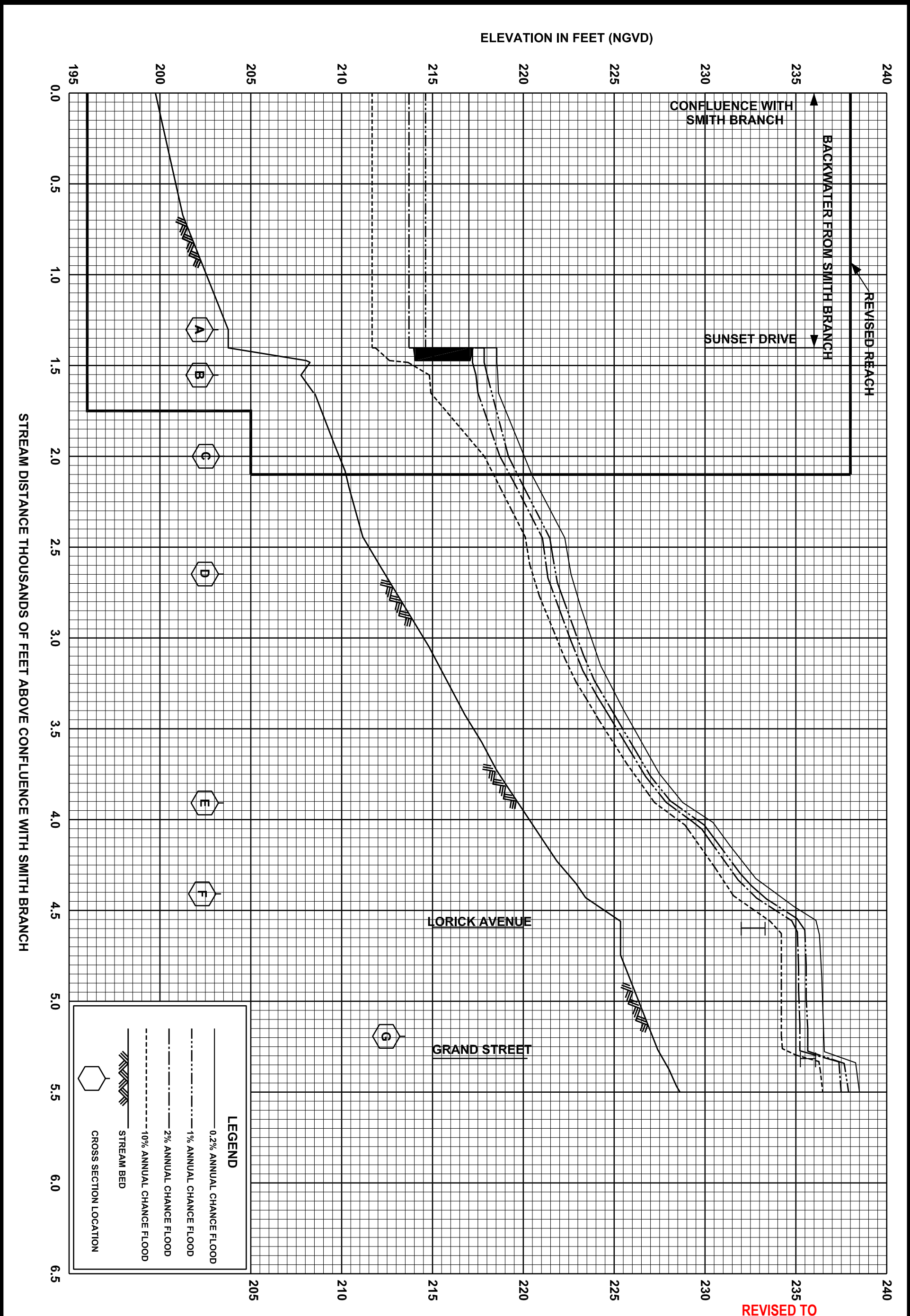
REVISED TO  
REFLECT LOMR  
EFFECTIVE: May 26, 2014

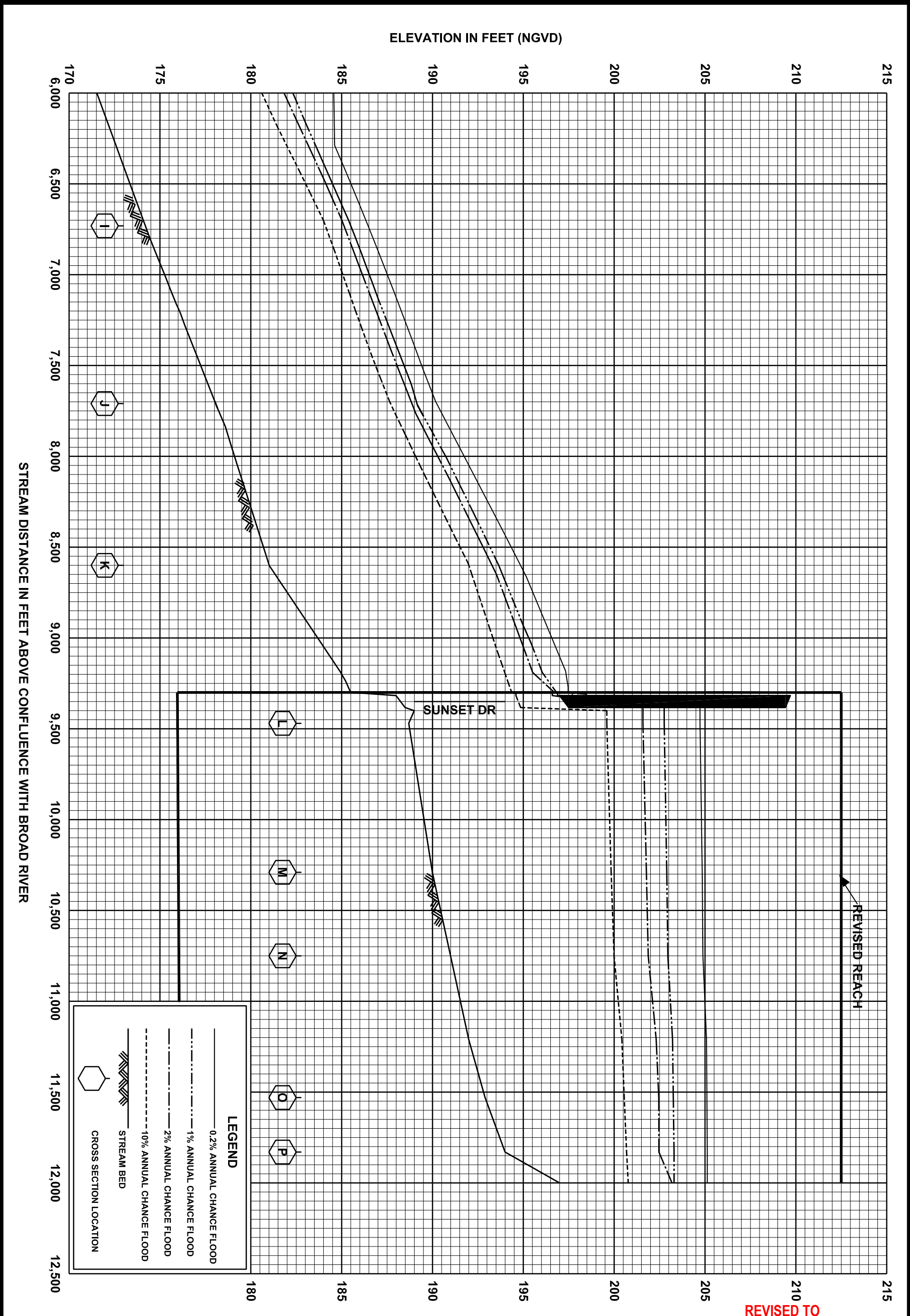
TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY  
RICHLAND COUNTY, SC  
AND INCORPORATED AREAS

FLOODWAY DATA

SMITH BRANCH





REVISED TO  
REFLECT LOMR  
EFFECTIVE: May 26, 2014

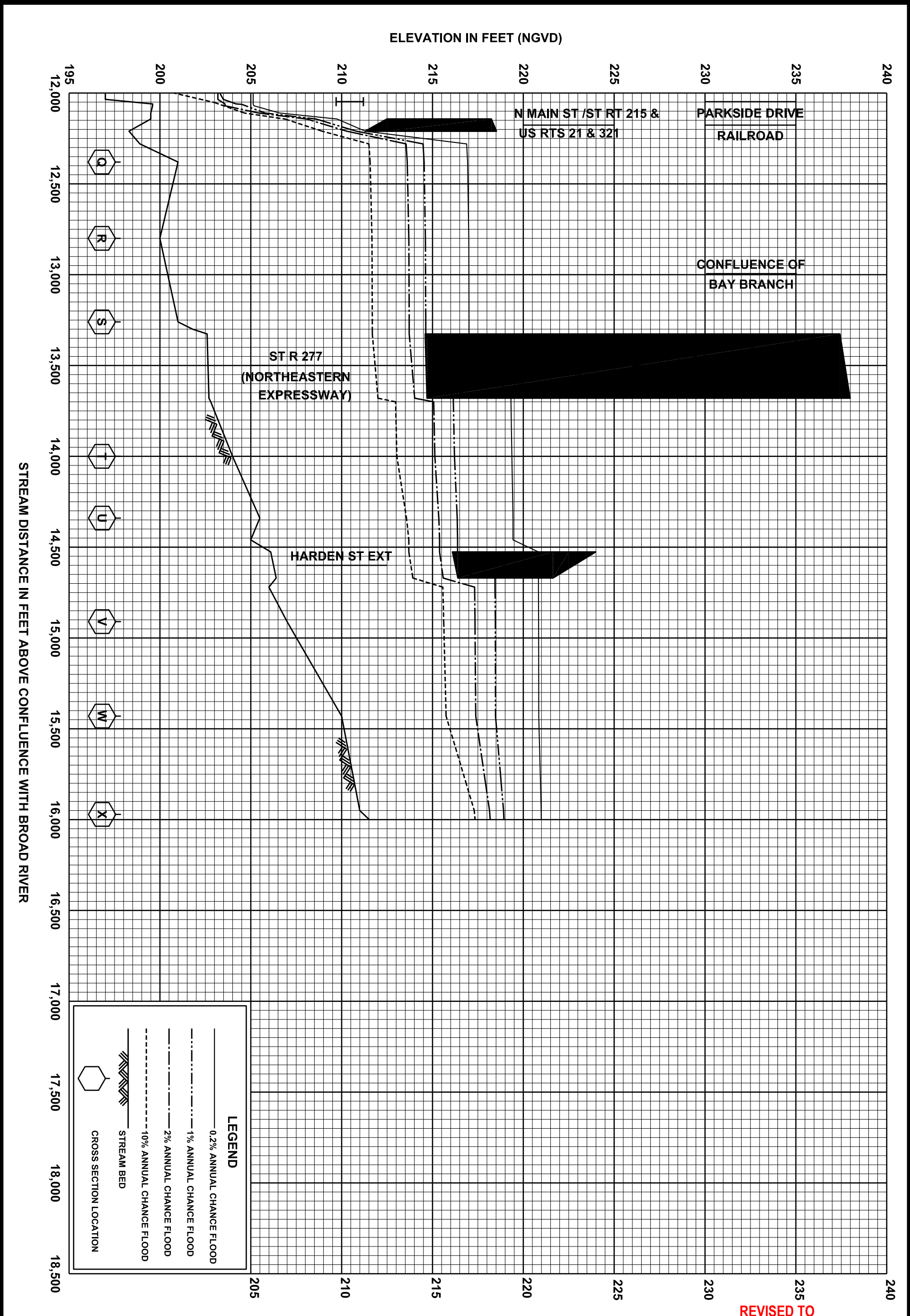
FLOOD PROFILES

SMITH BRANCH

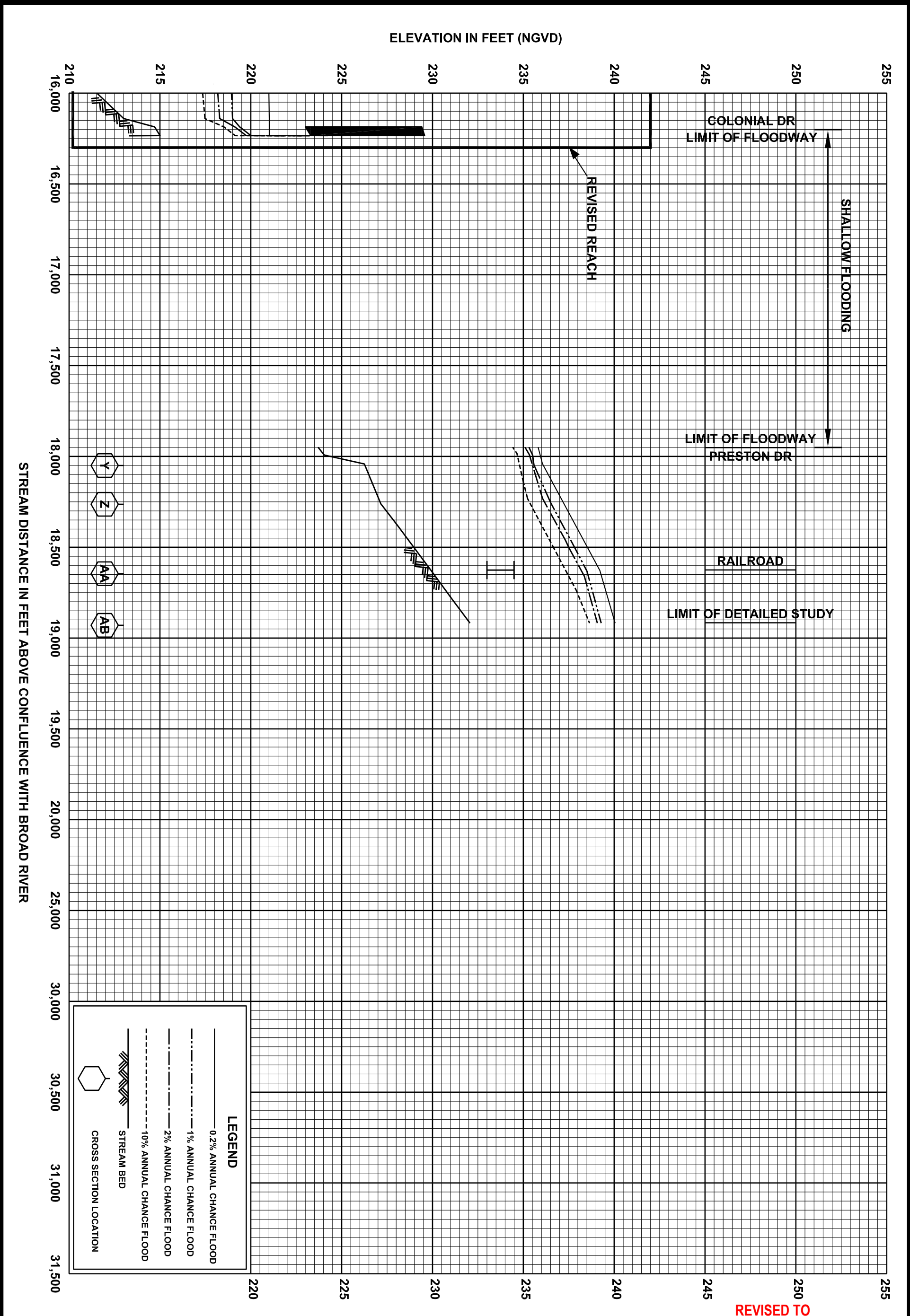
FEDERAL EMERGENCY MANAGEMENT AGENCY

**RICHLAND COUNTY, SC**

AND INCORPORATED AREAS



REVISED TO  
REFLECT LOMR  
EFFECTIVE: May 26, 2014

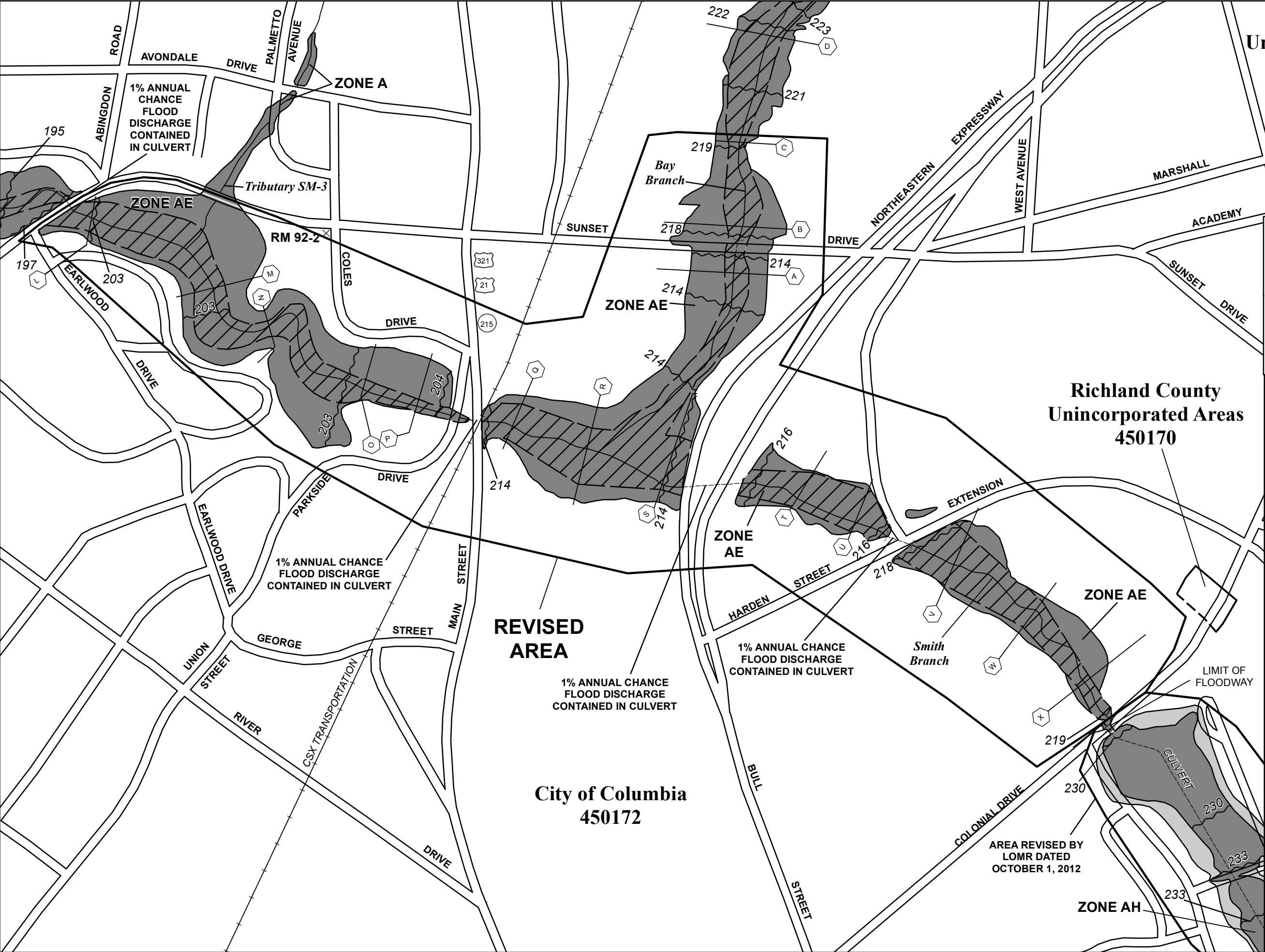


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FEDERAL EMERGENCY MANAGEMENT AGENCY

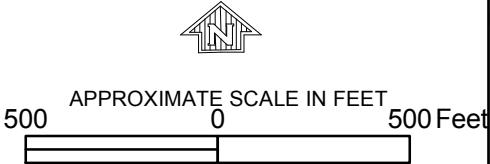
**RICHLAND COUNTY, SC**  
AND INCORPORATED AREAS

**FLOOD PROFILES**  
**SMITH BRANCH**



**Richland County  
Unincorporated Areas  
450170**

- Legend**
- 1% annual chance (100-Year) Floodplain
  - 1% annual chance (100-Year) Floodway
  - 0.2% annual chance (500-Year) Floodplain



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

**RICHLAND COUNTY,  
SOUTH CAROLINA  
AND INCORPORATED AREAS**

**PANEL 92 OF 275**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

| COMMUNITY            | NUMBER | PANEL | SUFFIX |
|----------------------|--------|-------|--------|
| COLUMBIA, CITY OF    | 450172 | 0092  | H      |
| UNINCORPORATED AREAS | 450170 | 0092  | H      |

**REVISED TO  
REFLECT LOMR  
EFFECTIVE: May 26, 2014**

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.



MAP NUMBER  
45079C0092 H

MAP REVISED:  
FEBRUARY 20, 2002

Federal Emergency Management Agency